



VDA Alternative Refrigerant Winter Meeting

VDA Verband der Automobilindustrien



VDA WINTER MEETING 2009

Preliminary Schedule VDA Winter Meeting 11. + 12.02.09

On the Way to 2011

Time	Event	Session leader	Speaker	Company / Organization	Topic
Tuesday, 10.02.09					
from 4 p.m.	arrival				
19.00	event office is open				
20.00	social gathering dinner			O-Team Representative	Welcome address
Wednesday, 11.02.09					
09.00	welcome address	Dr. Markus Matthes	Dr. Stefan Wöhr	VDA Representative	Welcome address
	welcome address	Dr. Markus Matthes	Dr. Markus Matthes	O-Team Representative	Welcome address / Introduction
09.15	1. presentation	Dr. Markus Matthes	Agnieszka Kozakiewicz	European Commission DG Enterprise and Industry	Mobile Air-Conditioning Systems - Latest Developments at the EU Level
09.45	2. presentation	Dr. Markus Matthes	Karen Thundiyl	EPA	US EPA MVAC Regulatory Landscape
10.15	break				
10.45	3. presentation	Dr. Markus Matthes	Dr. Roman Meininghaus / Dietmar Fischer	ACEA / Ford	MAC Energy Efficiency: Aspect of Virtual Testing
11.15	4. presentation	Dr. Christophe Petitjean	Scott Bang / Ryan Fortier	Hyundai	Alternative Refrigerant Development Status, Including Performance and Flammability
11.45	lunch / meeting-point				
14.00	5. presentation	Dr. Christophe Petitjean	Dr. Frank Rinne	DuPont	HFO-1234yf Technology Update - Part 1
14.30	6. presentation	Dr. Christophe Petitjean	Mark Spatz	Honeywell	HFO-1234yf Technology Update - Part 2
15.00	7. presentation	Dr. Christophe Petitjean	Christophe Maldeme	Arkema	HFO 1234yf, Stakes for Today & Tomorrow Automotive and Air Conditioning
15.30	break				
16.00	8. presentation	Dr. Christophe Petitjean	Dr. Bob Low	INEOS	Update on INEOS Developmental Refrigerant Program
16.20	9. presentation	Dr. Christophe Petitjean	Torsten Piest	Linde	R744 Odorized New Refrigerant for MAC On-Site-, After Sales Supply & Services
16.40	10. presentation	Dr. Christophe Petitjean	Christian Puhl	Fuchs	Refrigeration Oils for Future Mobile A/C Systems
17.00	11. presentation	Dr. Christophe Petitjean	Dr. Ullrich Hesse	Ipetronik	Experiments to Investigate Oil Circulation
17.20	end of the first day				
19.00	meeting point in the mall (reception) for dinner				
19.30	dinner				
Thursday, 12.02.09					
09.00	1. presentation	Jürgen Wertenbach	Andrea Bergami	Maflow	Outlook on MAC Lines NVH Performance having on Sight the Refrigerant Switch
09.20	2. presentation	Jürgen Wertenbach	Dr. Mohamed Idris	Consulting	Two Phase Flow Refrigerant Distribution in an Evaporator
09.40	3. presentation	Jürgen Wertenbach	Martin Graz	OBRIST	Investigation on additional Fuel Consumption for a R134a and R744 AC – System in a VW Touran
10.00	break				
10.20	4. presentation	Jürgen Wertenbach	Denis Clodic	ARMINES	Energy Consumption and Environmental Footprint of MAC System of Full Hybrid Vehicle
10.40	5. presentation	Jürgen Wertenbach	Nils Christian Strupp	TUB/FAT	Average Mobile A/C Customer Usage Model for Design, Simulation and Testing
11.00	6. presentation	Dr. Werner Hünemörder	Dr. Roman Heckt	Visteon	Compressor Test Results & Findings with the Usage of HFO-1234yf
11.20	7. presentation	Dr. Werner Hünemörder	Dr. Christophe Petitjean	Valeo	Torque Control for Mobile A/C System with Low GWP Refrigerants
11.40	8. presentation	Dr. Werner Hünemörder	Prof. Reinhard Radermacher	University of Maryland	Experiemental Results: Thermoelectric „Subcooler“ for CO2Systems
12.00	lunch / meeting-point				
14.00	9. presentation	Dr. Werner Hünemörder	Dr. Michael Sonnekalb	Konvekta + TLK Braunschweig	CO2 Air Conditioning and Heating applied to City Buses (COACH)
14.20	10. presentation	Dr. Werner Hünemörder	Dr. Armin Hafner	SINTEF	Air Reversing R744 AC Units
14.40	farewell	Dr. Markus Matthes	Dr. Markus Matthes	O-Team Representative	Summary and conclusion with presentation of certificates to participants
15.00	farewell drink				
15.30	official end of the meeting				

Organizing Committee:

Chairman: Dr. Markus Matthes, Adam Opel GmbH
 Mr. Jürgen Wertenbach, DAIMLER AG
 Dr. Werner Hünemörder, DENSO AUTOMOTIVE Deutschland GmbH
 Dr. Christophe Petitjean, Valeo Klima System GmbH

The use of photographic and video cameras is strictly forbidden throughout the event!

Subject to change without notice!